

A B S T R A C T

A glass used as a sintering aid and an open-pore moulded body as well as a method for manufacturing same

[00030] The present invention relates to a glass used as a sintering aid for a resorbable moulded body containing calcium phosphate as well as to a method for manufacturing said moulded body. According to the invention, the material is β -tricalcium phosphate and the glass has a chemical composition of 68-78% by weight SiO_2 , 5-12% by weight MgO and 12-27% by weight Na_2O . The aforesaid moulded body is manufactured by melting said glass, grinding it until a grain size D_{50} of 0.7-2 μm is achieved and mixing it with β -tricalcium phosphate having a grain size D_{50} of 1-7.5 μm , giving the mixture the desired shape and producing the moulded body by sintering said mixture at between 1,150 and 1,350°C, wherein the grain size of β -TCP must not be smaller than that of the glass.